Guide Ring

Function:

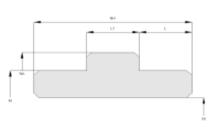
Guiding elements are designed to prevent metal to metal contact between components of hydraulic systems e.g. piston and cylinder barrel or shaft and cylinder head.

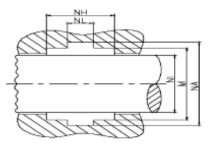
Features:

- Normally cut at an angle for easy installation, but also available as non-split version.
- For use in rod applications.
- Integrated collar on outside diameter.
- Low dynamic friction.
- Low break-away forces after long standstills.

Application:

mainly used at minor loads e.g. pneumatic applications





Seal housing recommendation:

Tolerances	[mm]		
NH	+0.2		
NL	+0.2		
ØNA	H9		
ØNI	h8		
Surface roughness	Rtmax [µ]	Ra [µ]	
Bottom of groove	≤ 6.3	≤ 1.6	
Face of groove	≤ 15	≤ 3	
Sliding surface	Rtmax [µ]	Ra [µ]	
PU, elastomeres	≤ 2.5	≤ 0.1 - 0.5	
PTFE	≤ 2	≤ 0.05 - 0.3	

Installation:

Snap-in installation

